

CLAIMS

1. A display screen having a plurality of light-emitting elements arrange in pixels in an arrangement having an axis of asymmetry wherein obscuring means are provided on or adjacent at least one light-emitting element within said display to substantially equate with the additional obscuring effect of adjacent light-emitting elements in an alternative portion of said display.
2. A display screen as claimed as claimed in Claim 1 wherein said display screen includes light-emitting elements that at least partially protrude from a front surface of said display screen.
3. A display screen as claimed as claimed in Claim 2 wherein said display screen includes rows of light-emitting elements at a first spacing and at least one further row of light-emitting elements at an alternative spacing and of an alternative colour arrangement.
4. A display screen as claimed as claimed in Claim 1 wherein said display screen provides louvers or shaders between rows of light-emitting elements on said display screen.
5. A display screen as claimed as claimed in Claim 2 wherein said obscuring means comprises at least one protrusion adjacent said at least one light-emitting element.

6. A display screen as claimed as claimed in Claim 5 wherein said at least one protrusion comprises a single protrusion of reduced dimension than the protrusion of a light-emitting element.

5 7. A display screen as claimed as claimed in Claim 4 wherein said obscuring means includes at least one portion extending from an adjacent louver and positioned at least partially between adjacent light-emitting element in a row adjacent said louver.

112 2nd

10 8. A display screen as claimed as claimed in Claim 1 wherein said obscuring means includes a coating or covering portion on a side off said light-emitting element.

15 9. A display screen as claimed as claimed in Claim 1 wherein said obscuring means comprises a coating or physical barrier within an outer lens of a light-emitting element.

10. A method of reducing colour-shift in a display screen when viewed off-centre comprising the steps of:

20 - providing an obscuring means in or adjacent a selection of a plurality of light-emitting elements to at least partially equate to the obscuring effect of adjacent light emitting elements amongst a remainder of said plurality of light-emitting elements.

25 11. A method of manufacturing a display screen comprising:

- placing a plurality of light-emitting elements in an array and protruding from a front face of said display screen; and
- providing obscuring means on or adjacent light-emitting elements within a row of said array to at least partially equate to an obscuring effect of a further row of light-emitting elements of reduced spacing and differing colour distribution within said array.

5

20091025 10:55:52